

Claim 1 (Canceled)

Claim 2 (New)

2. A variable speed integrated planer motor assembly comprising:

an integrated stator assembly including a ceramic substrate having a plurality of spiral conductor stator coils, a plurality of biased magnetoresistive elements, a conductor interconnect pattern for IC and flex cable attachment;

a rotor assembly including a ceramic disk having a permanent magnet assembled on a ceramic bearing sleeve;

a shaft;

a spacer;

said rotor assembly assembled to said integrated stator assembly on said shaft with said spacer;

a digital microcontroller IC providing variable speed control.